

<p align="center">DRAFT AGENDA: MISR Data Users Science Symposium Beckman Institute Auditorium, California Institute of Technology, Pasadena, CA</p>

Tuesday, December 13

Welcome

8:15 AM	Sign-in	All	30
8:45 AM	Welcome	David Diner	15

Clouds

Moderator: TBD

9:00 AM	A decade of MISR Cloud-Top-Heights and Optical Depths	Roger Marchand	20
9:20 AM	Evaluating clouds in climate models using satellite simulators: from mean state to feedbacks	Benjamin Hillman	20
9:40 AM	Spatial and temporal variability of low cloud	Jae Lee	20
10:00 AM	Break	All	20
10:20 AM	An investigation of the relationship between lower tropospheric stability and low cloud cover using MISR	Bethany Norris	20
10:40 AM	Discussion	All	20

Hurricanes and Winds

Moderator: TBD

11:00 AM	NOAA's Hurricane Forecast Improvement Project: Progress and current needs	Robert Atlas	20
11:20 AM	Cloud top height (MISR) and temperature (MODIS) measurements over tropical cyclones	Dong Wu	20
11:40 AM	Mesoscale hurricane dynamics captured by enhanced MISR cloud motion vectors	Kevin Mueller	20
12:00 PM	Using MISR's high-resolution cross-track winds to examine hurricane eyewall dynamics	Michael Garay	20
12:20 PM	Lunch	All	90
1:50 PM	Evaluation of MISR's upgraded stereo motion vectors	Akos Horvath	20
2:10 PM	Assessment of PGE8ap winds using ECMWF and their impact on CTH retrieval for AATSR	Peter Muller	20
2:30 PM	Discussion	All	20

Poster session I

2:50 PM	Poster viewing and break	All	60
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Polarimetry

Moderator: TBD

3:50 PM	Study of ice cloud optical properties from model simulations in comparison with POLDER measurements	Benjamin Cole	20
4:10 PM	UV utility for photo-polarimetric characterization of absorbing aerosols	Olga Kalashnikova	20
4:30 PM	Interpretation of out-of-scatter-plane polarization in GroundMSPI surface reflectance movies	Russell Chipman	20
4:50 PM	AirMSPI and AirMSPI-2 development progress	David Diner	20
5:10 PM	Discussion	All	20
5:30 PM	Adjourn		

Social event

6:30 PM	Cocktails at the University Club, Pasadena
7:00 PM	Dinner and music

Wednesday, December 14

Aerosols

Moderator: TBD

8:40 AM	MISR wildfire smoke, volcanic ash, and urban pollution results for constraining aerosol transport models	Ralph Kahn	20
9:00 AM	Validation of modeled smoke plume injection heights using MISR and CALIPSO	Sean Raffuse	20
9:20 AM	Tropical biomass burning smoke plume size, shape, reflectance, and age based on 2001-2009 MISR imagery of Borneo	Charles Zender	20
9:40 AM	Aerosol and cloud tomography (title to be updated)	Anthony Davis	20
10:00 AM	Break	All	20
10:20 AM	Applications of MISR aerosol products to dust regions	Olga Kalashnikova	20
10:40 AM	Aerosol retrieval comparison among MISR, OMI, MODIS Deep Blue and MAIAC algorithms over North Africa	Alexei Lyapustin	20
11:00 AM	Regional scale aerosol climatology using Multi-angle Imaging SpectroRadiometer (MISR) satellite: case of study South Africa	Melaku Tesfaye	20
11:20 AM	A decade of change in aerosol properties over the Indian Subcontinent	Larry Di Girolamo	20
11:40 AM	Synthetic studies on optimized MISR retrievals: what they tell us and where we can go from there	Suniti Sanghavi	20
12:00 PM	Discussion	All	20
12:20 PM	Lunch	All	90

Surface Albedo

Moderator: TBD

1:50 PM	Evaluation of JRC-TIP 0.01° products from MISR albedos over a deciduous forest	Bernard Pinty	20
2:10 PM	GlobAlbedo land surface albedo and its assessment using tower sites and MISR	Peter Muller	20

Poster session II

2:30 PM	Poster viewing and break	All	60
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Vegetation and Ice

Moderator: TBD

3:30 PM	Title	Yuri Knyazikhin	20
3:50 PM	Title	Mark Chopping	20
4:10 PM	Title	Anne Nolin	20
4:30 PM	Discussion	All	20

Wrap-up

4:50 PM	Closing comments and discussion	All	40
5:30 PM	Adjourn		

Posters

No.	Title	Lead author
1	Can polarization angle in cloud scattering be between the s- and p-planes?	Christine Bradley
2	Particle property data quality flags for the MISR Aerosol Product	Barbara Gaitley
3	Inter-comparison of Asian dust regions	Michael Goetz
4	Application of MISR data for analyzing volcanic plumes in the North Pacific	Angela Ekstrand
5	Satellite perspective on springtime aerosol variability in Asian dust sources over the past decade	Olga Kalashnikova
6	Atmospheric Polarization Computations (APC) code	Sergey Korkin
7	MODIS 3 km aerosol product for air quality applications	Shana Mattoo
8	Assessment of MISR 2TC using the UCL stereo matchers	Peter Muller
9	Comparison of clouds and precipitation in northern and southern ocean extratropical cyclones	Catherine Naud
10	Synthetic studies on optimized MISR retrievals: what they tell us and where we can go from there	Suniti Sanghavi
11	Sensitivity of aerosol retrieval over snow surfaces	Felix Seidel
12	Southern Oceans AOD maximum: reconciling MISR retrievals and model predictions with in-situ observations	Marcin Witek
13	Spaceborne Atmospheric Boundary Layer Experiment (SABLE): A cost-effective mission on Iridium NEXT	Robert Wood
14	A radiative transfer computation and aerosol/surface retrieval tool based on the Markov chain method	Feng Xu
15	Citizen science outreach: MISR "Where on Earth?..." Quiz	Karen Yuen
16	Tropical biomass burning smoke plume size, shape, reflectance, and age based on 2001-2009 MISR imagery of Borneo	Charles Zender